Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032817\
Data File : BE092835.D
Acq On : 28 Mar 2017 13:49
Operator : SJ/MA
Sample : SSTDICC010
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC010

Quant Time: Mar 28 14:33:17 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 28 13:07:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	7557	5.00	ng		0.00
7) Naphthalene-d8	10.54	136	34909	5.00	ng		0.00
12) Acenaphthene-d10	14.40	164	18251	5.00	ng		0.00
18) Phenanthrene-d10	17.16	188	38051	5.00	ng		0.00
24) Chrysene-d12	21.30	240	47556	5.00	ng		0.00
31) Perylene-d12	23.71	264	40969	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	18965	11.86	ng		0.00
5) Phenol-d6	6.94	99	29475	15.48	ng		0.00
8) Nitrobenzene-d5	8.93	82	25660	12.03	ng		0.00
13) 2,4,6-Tribromophenol	0.00	330	0d	0.00	ng		
14) 2-Fluorobiphenyl	13.02	172	60017	13.94	ng		-0.01
26) Terphenyl-d14	19.76	244	81394	14.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	9597	8.55	ng		96
3) n-Nitrosodimethylamine	3.59	42	11672	9.20	ng		82
6) bis(2-Chloroethyl)ether	7.20	93	26105	12.57	ng	#	45
9) Naphthalene	10.58	128	78009	10.45	ng	#	95
10) Hexachlorobutadiene	10.89	225	10305	9.58	ng		99
11) 2-Methylnaphthalene	12.21	142	51480	10.66	ng		95
15) Acenaphthylene	14.11	152	341659	12.18	ng		100
16) Acenaphthene	14.45	154	52617	13.40	ng		97
17) Fluorene	15.44	166	62402	11.69	ng		99
19) Hexachlorobenzene	16.47	284	15436	9.92	ng	#	67
21) Phenanthrene	17.18	178	98484	10.79	ng	#	94
22) Anthracene	17.27	178	103450	11.24	ng		98
23) Fluoranthene	19.18	202	483522	10.88	ng		99
25) Pyrene	19.54	202	525764	12.21	ng		99
27) Benzo(a)anthracene	21.26	228	124856	2.61	ng		97
28) Chrysene	21.31	228	119180	2.73	ng	#	88
30) Indeno(1,2,3-cd)pyrene	26.25	276	490348	10.38	ng	#	93
32) Benzo(b)fluoranthene	22.97	252	116678	10.69	ng		98
33) Benzo(k)fluoranthene	23.02	252	107294	9.77	ng		95
34) Benzo(a)pyrene	23.60	252	105114	10.59	ng		96
35) Dibenzo(a,h)anthracene	26.29	278	106081	11.19	ng		95
36) Benzo(g,h,i)perylene	27.04	276	423047	10.43	ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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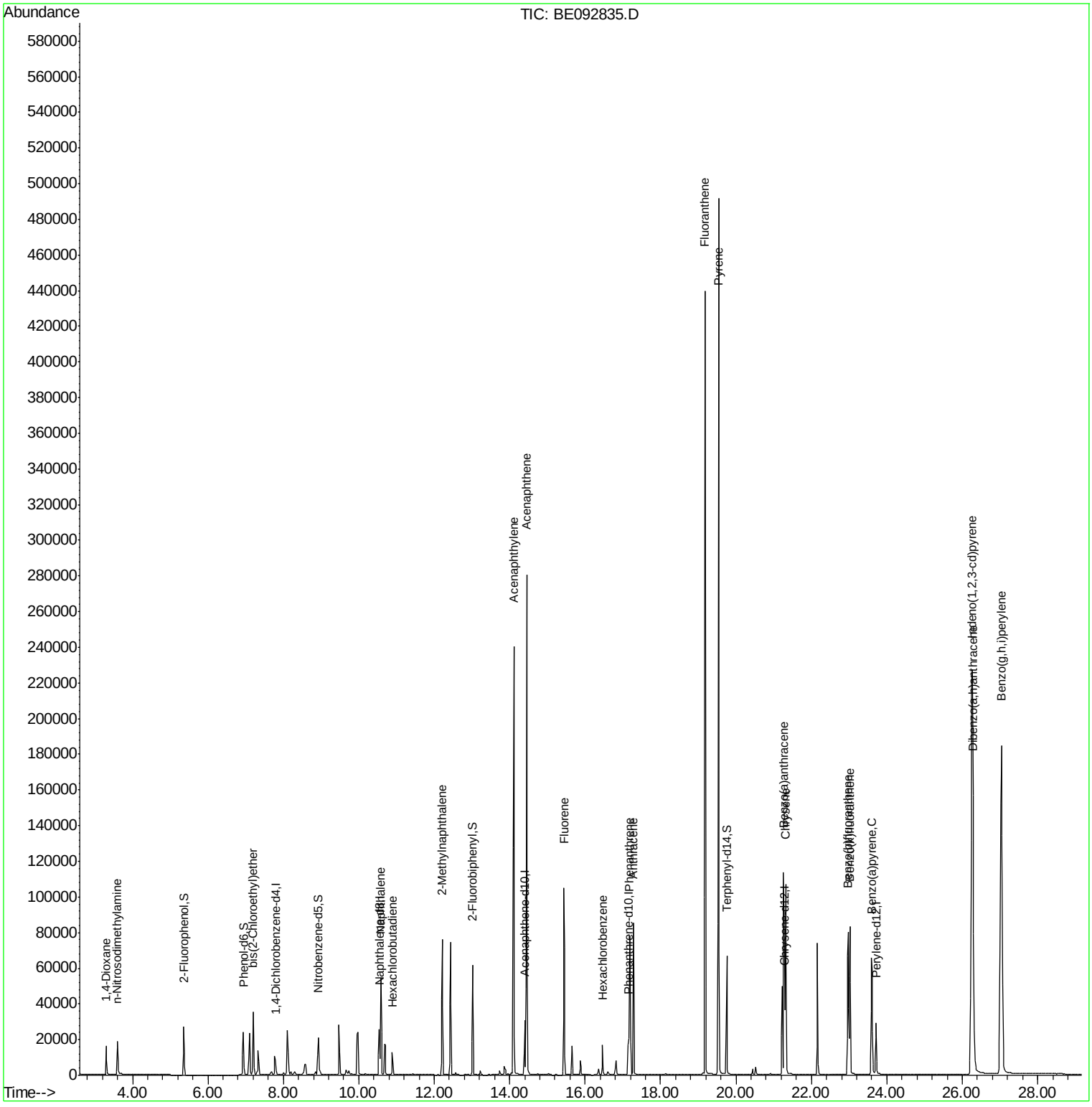
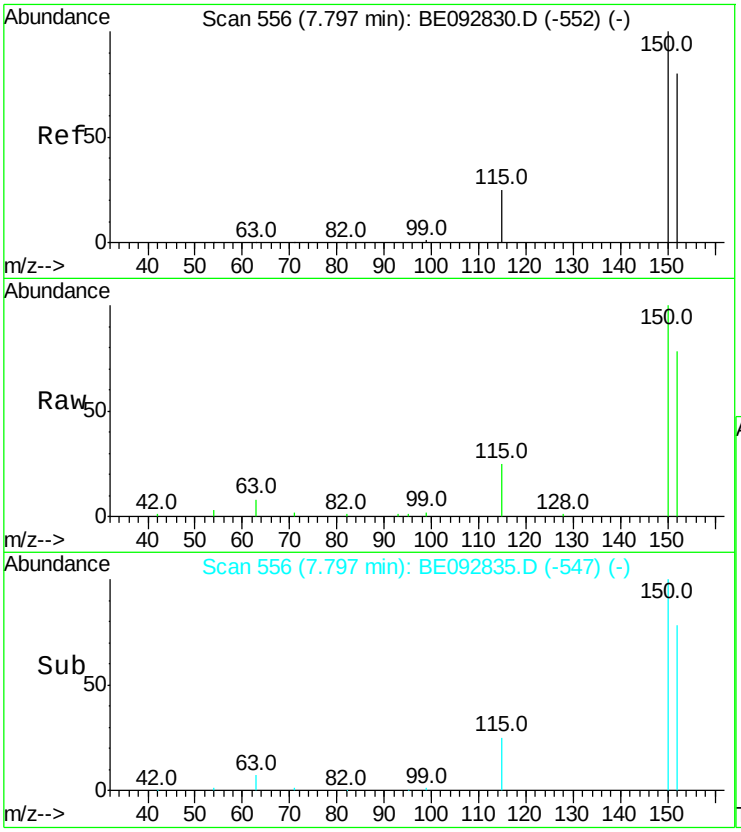


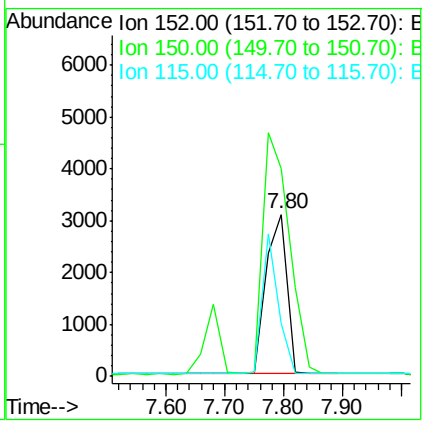


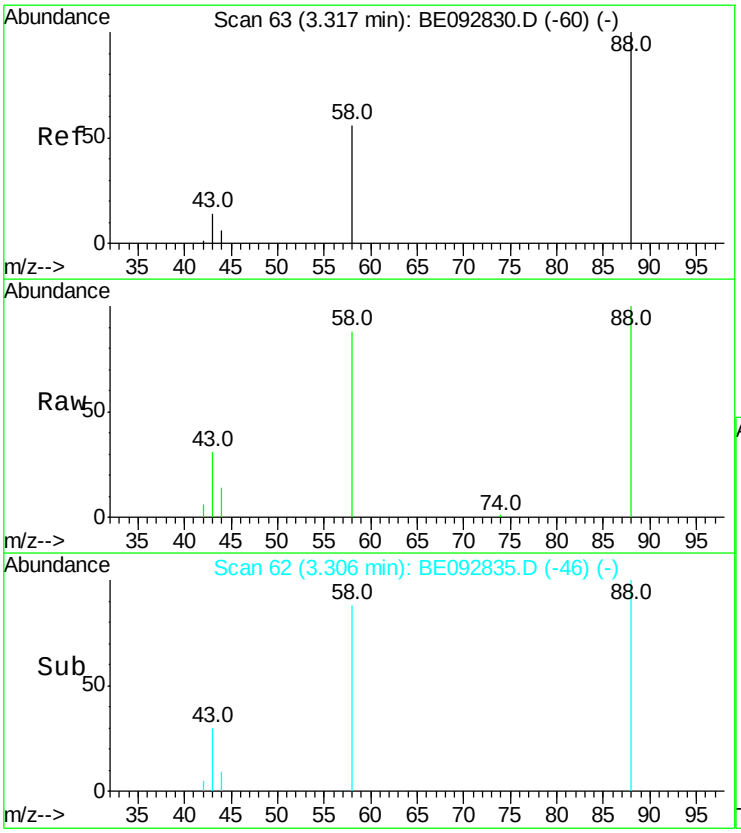
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 556
Delta R.T. -0.00 min
Lab File: BE092835.D
Acq: 28 Mar 2017 13:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 7557

Ion	Ratio	Lower	Upper
152	100		
150	128.3	106.0	159.0
115	32.7	31.2	46.8

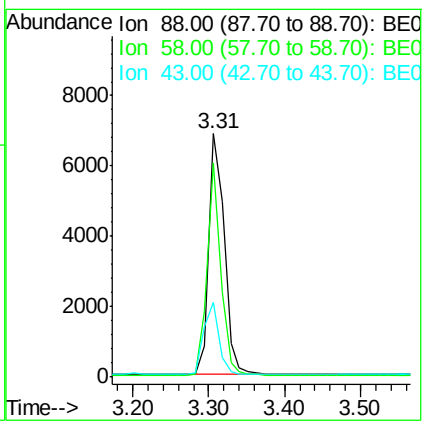


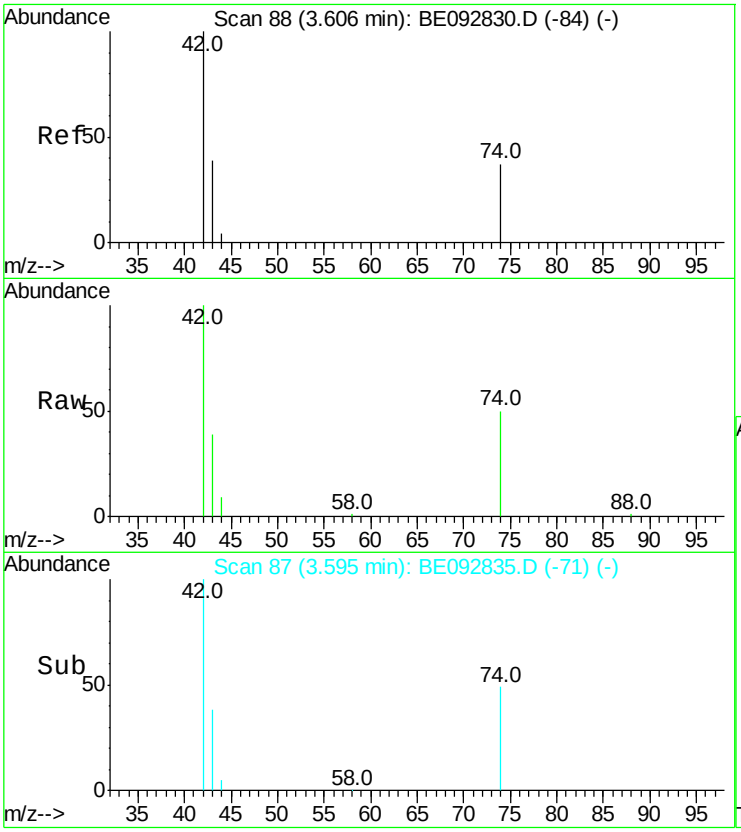


#2
1,4-Dioxane
Concen: 8.55 ng
RT: 3.31 min Scan# 62
Delta R.T. -0.01 min
Lab File: BE092835.D
Acq: 28 Mar 2017 13:49

Tgt Ion: 88 Resp: 9597

Ion	Ratio	Lower	Upper
88	100		
58	78.3	63.6	95.4
43	29.7	28.0	42.0



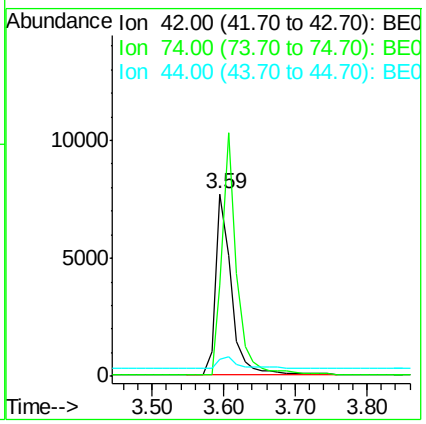


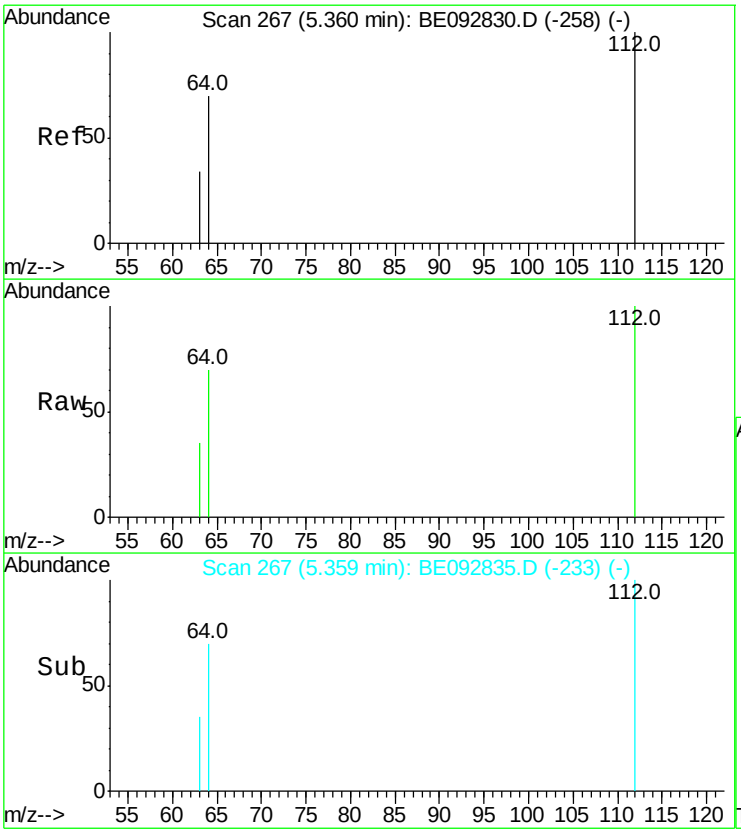
#3
n-Nitrosodimethylamine
Concen: 9.20 ng
RT: 3.59 min Scan# 87
Delta R.T. -0.01 min
Lab File: BE092835.D
Acq: 28 Mar 2017 13:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion: 42 Resp: 11672

Ion	Ratio	Lower	Upper
42	100		
74	127.3	86.0	129.0
44	6.6	5.1	7.7

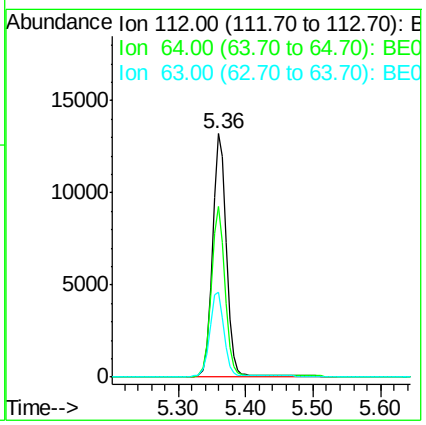


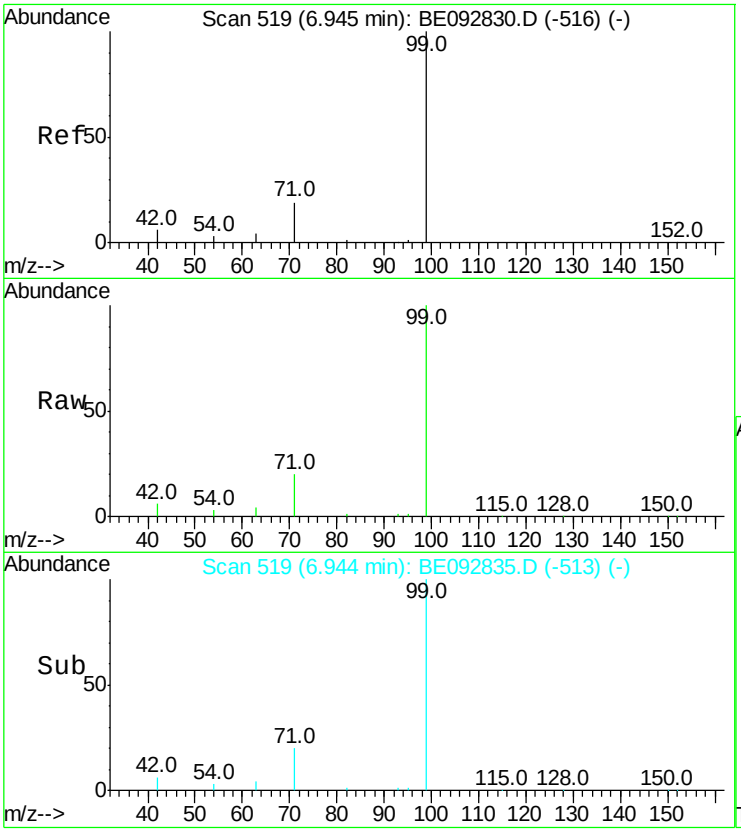


#4
2-Fluorophenol
Concen: 11.86 ng
RT: 5.36 min Scan# 267
Delta R.T. -0.00 min
Lab File: BE092835.D
Acq: 28 Mar 2017 13:49

Tgt Ion:112 Resp: 18965

Ion	Ratio	Lower	Upper
112	100		
64	69.1	53.5	80.3
63	35.6	27.9	41.9



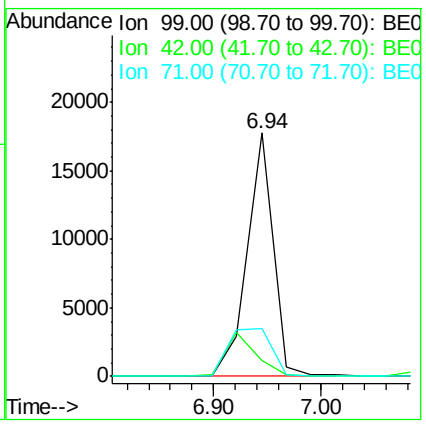


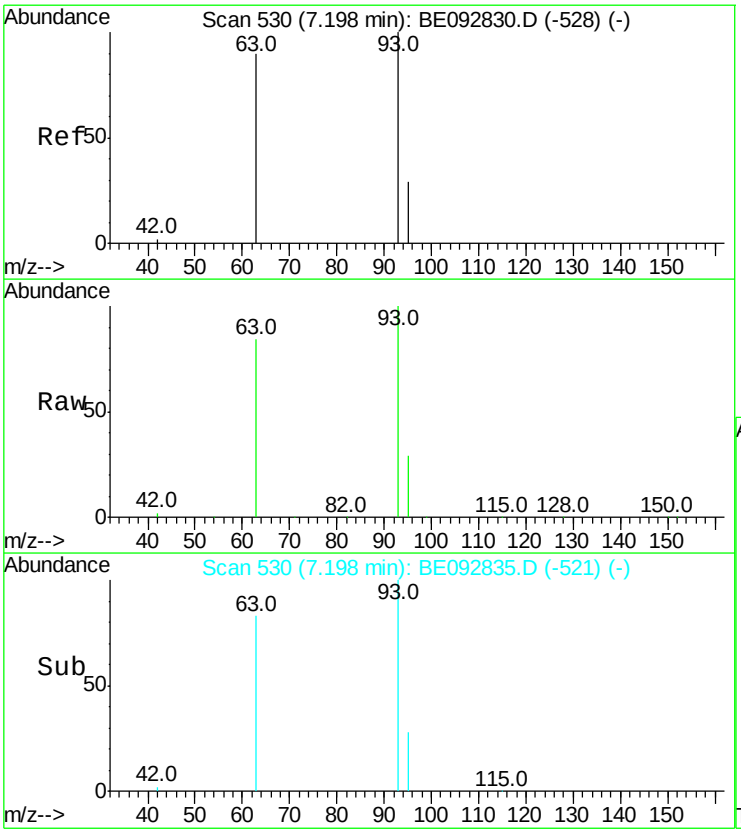
#5
Phenol-d6
Concen: 15.48 ng
RT: 6.94 min Scan# 519
Delta R.T. -0.00 min
Lab File: BE092835.D
Acq: 28 Mar 2017 13:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 29475

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	32.1	30.6	45.8

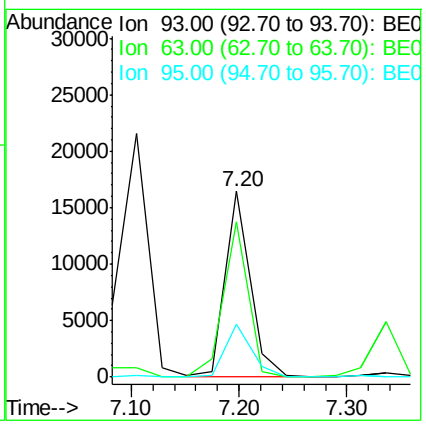


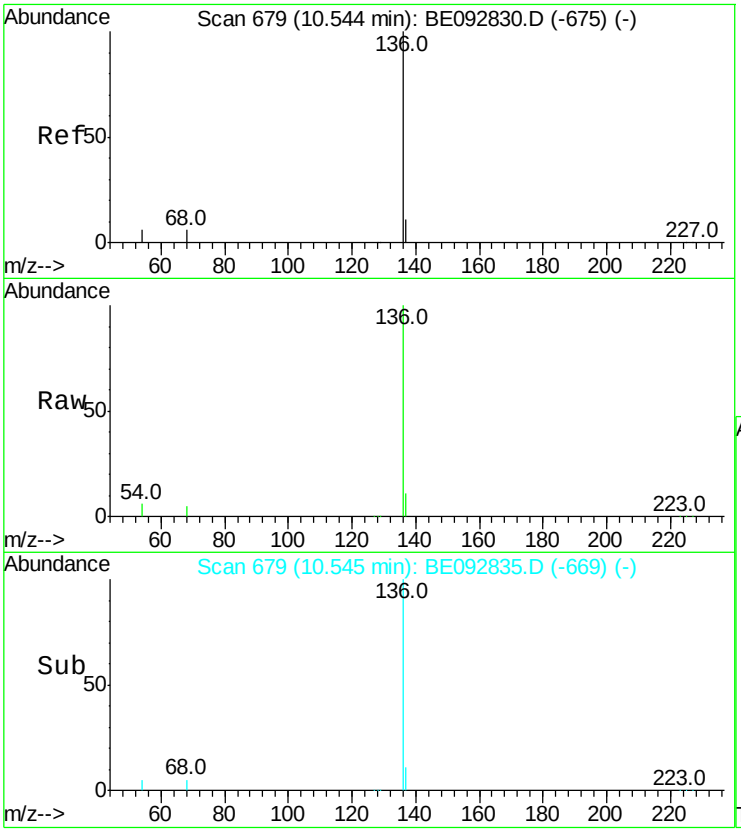


#6
bis(2-Chloroethyl)ether
Concen: 12.57 ng
RT: 7.20 min Scan# 530
Delta R.T. -0.00 min
Lab File: BE092835.D
Acq: 28 Mar 2017 13:49

Tgt Ion: 93 Resp: 26105

Ion	Ratio	Lower	Upper
93	100		
63	83.3	16.0	24.0#
95	30.3	24.0	36.0



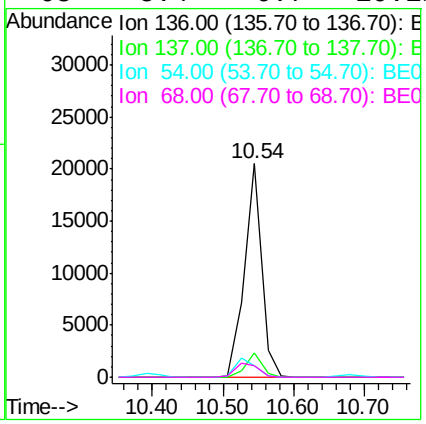


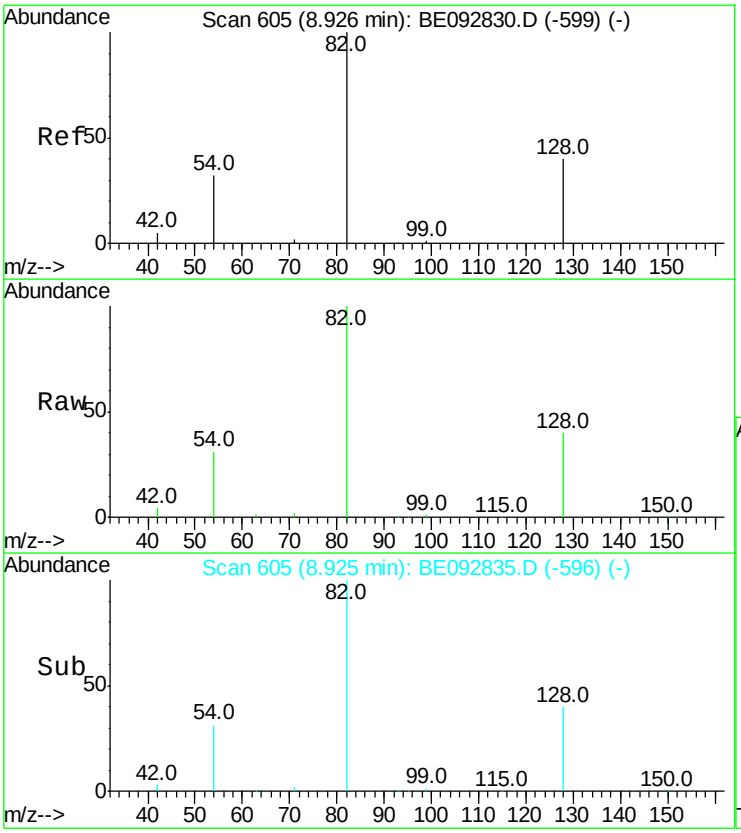
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.54 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE092835.D
Acq: 28 Mar 2017 13:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 34909

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.2	12.4
54	5.7	9.6	14.4#
68	5.4	6.7	10.1#

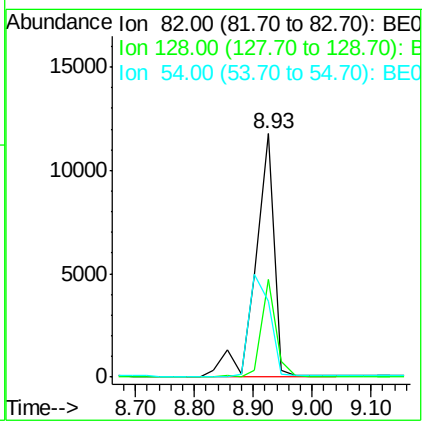


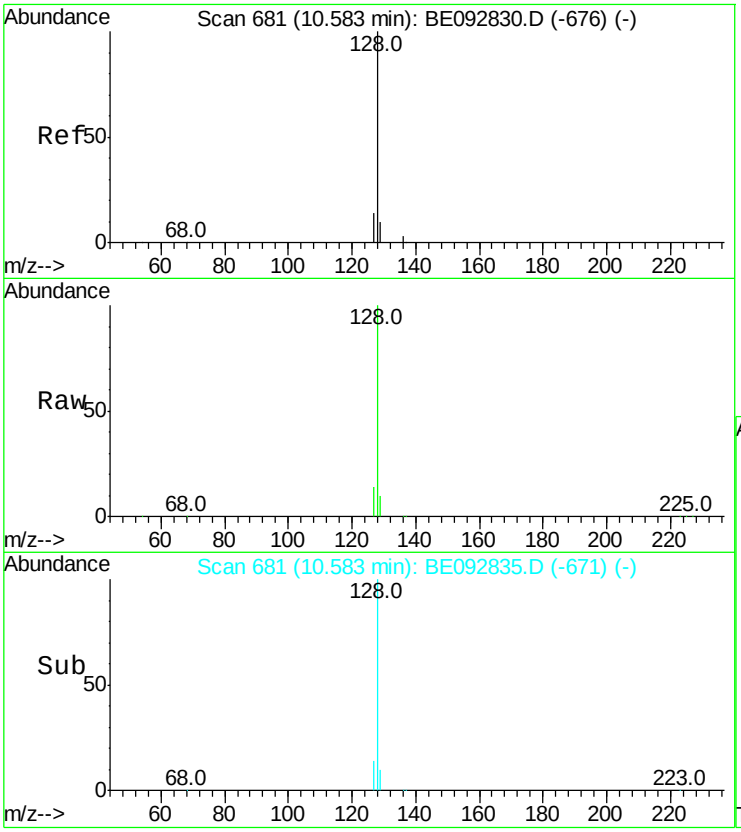


#8
Nitrobenzene-d5
Concen: 12.03 ng
RT: 8.93 min Scan# 605
Delta R.T. -0.00 min
Lab File: BE092835.D
Acq: 28 Mar 2017 13:49

Tgt Ion: 82 Resp: 25660

Ion	Ratio	Lower	Upper
82	100		
128	40.4	39.0	58.4
54	31.0	44.8	67.2#



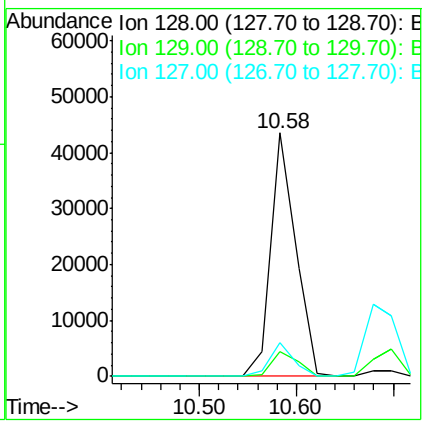


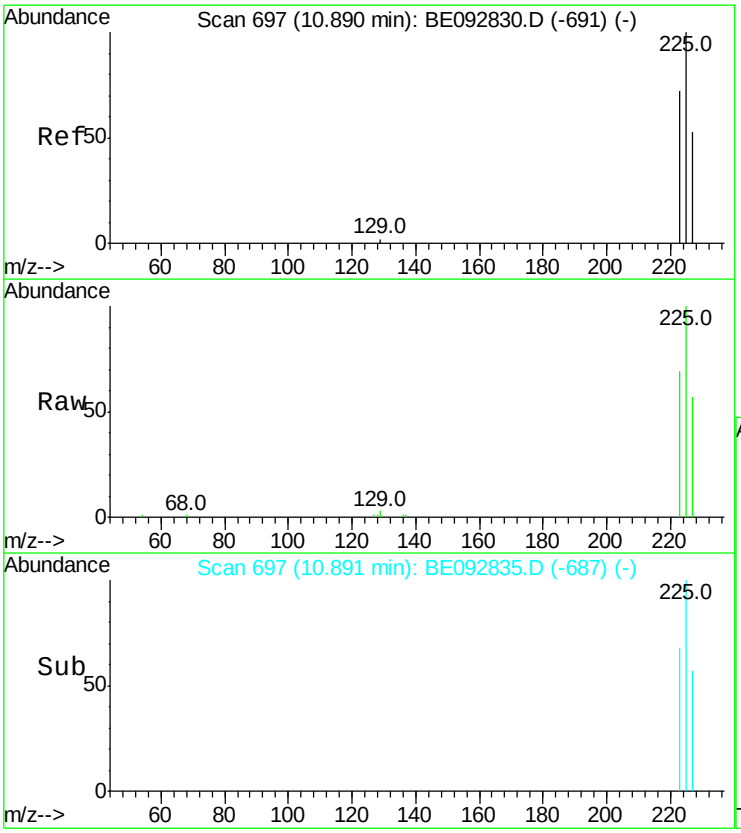
#9
Naphthalene
Concen: 10.45 ng
RT: 10.58 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE092835.D
Acq: 28 Mar 2017 13:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 78009

Ion	Ratio	Lower	Upper
128	100		
129	10.4	11.2	16.8#
127	13.8	11.6	17.4

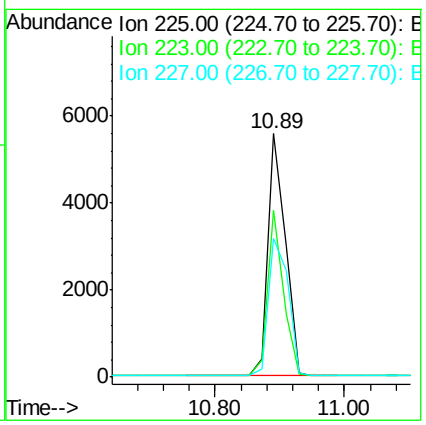


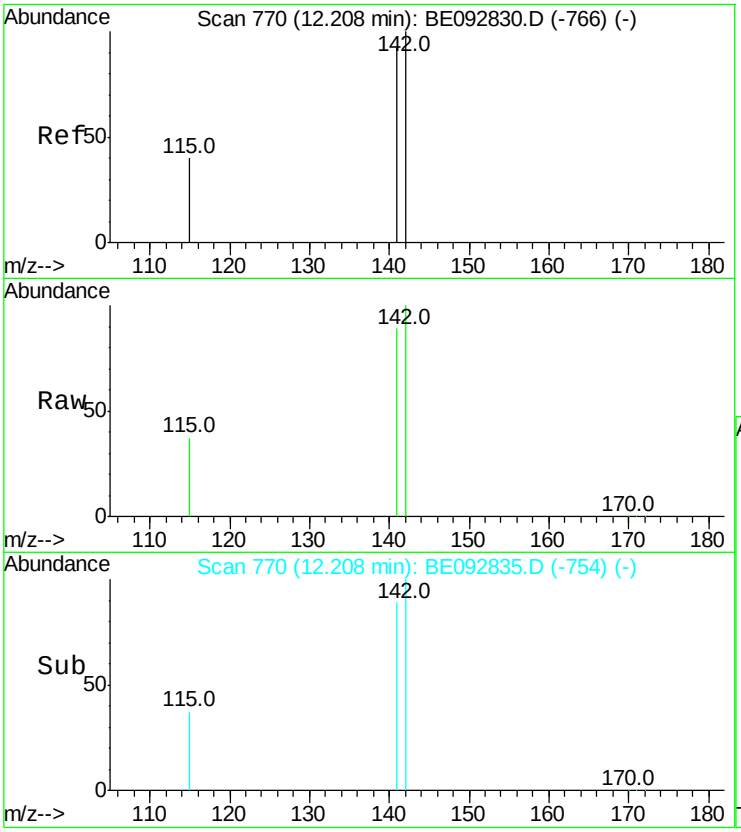


#10
Hexachlorobutadiene
Concen: 9.58 ng
RT: 10.89 min Scan# 697
Delta R.T. 0.00 min
Lab File: BE092835.D
Acq: 28 Mar 2017 13:49

Tgt Ion:225 Resp: 10305

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	64.4	51.4	77.0



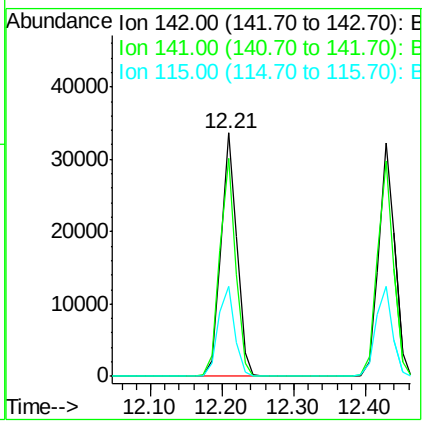


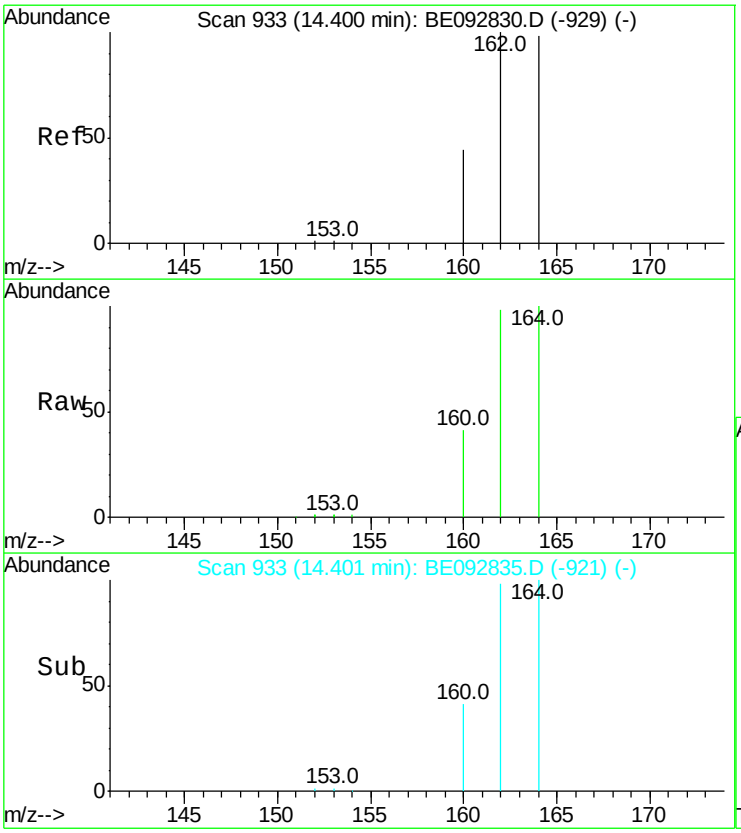
#11
2-Methylnaphthalene
Concen: 10.66 ng
RT: 12.21 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE092835.D
Acq: 28 Mar 2017 13:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 51480

Ion	Ratio	Lower	Upper
142	100		
141	89.3	73.7	110.5
115	36.9	34.0	51.0

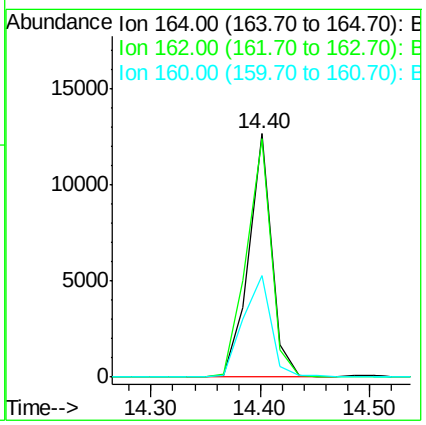


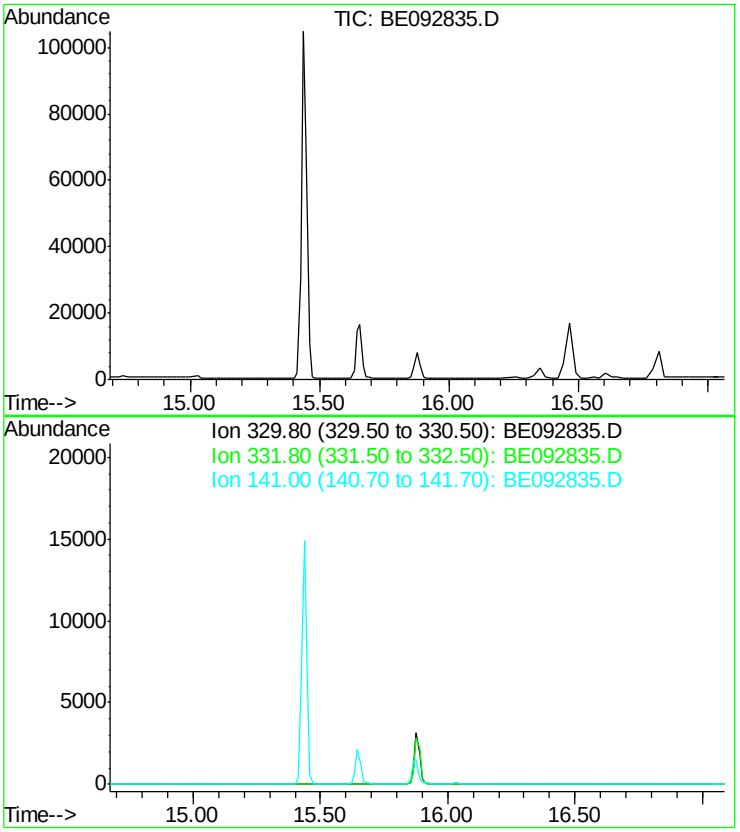


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.40 min Scan# 933
Delta R.T. 0.00 min
Lab File: BE092835.D
Acq: 28 Mar 2017 13:49

Tgt Ion:164 Resp: 18251

Ion	Ratio	Lower	Upper
164	100		
162	98.0	71.4	107.0
160	41.5	27.4	41.2#





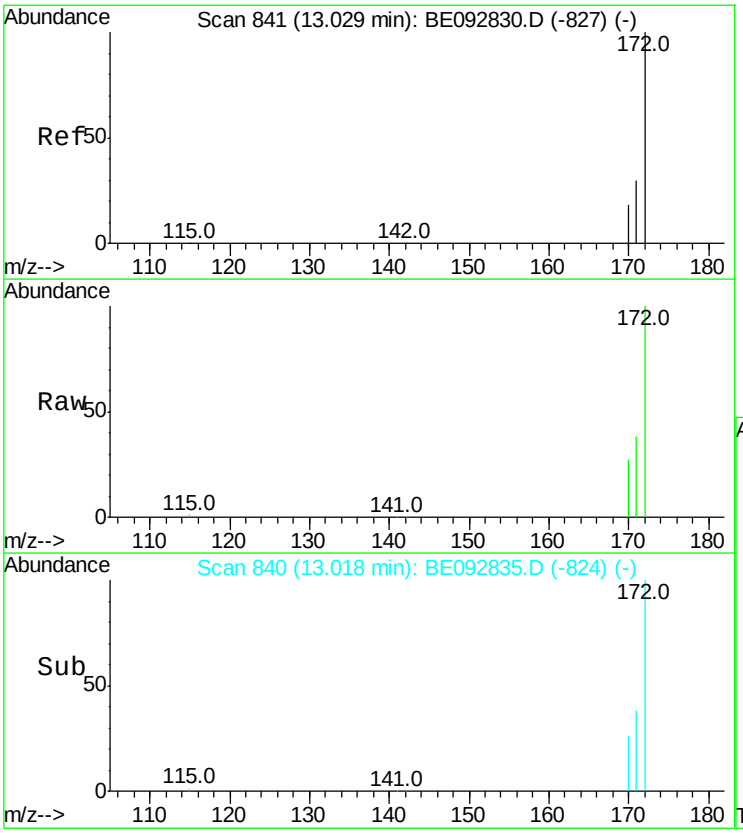
#13
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 15.88 min

Lab File: BE092835.D
Acq: 28 Mar 2017 13:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion: 330

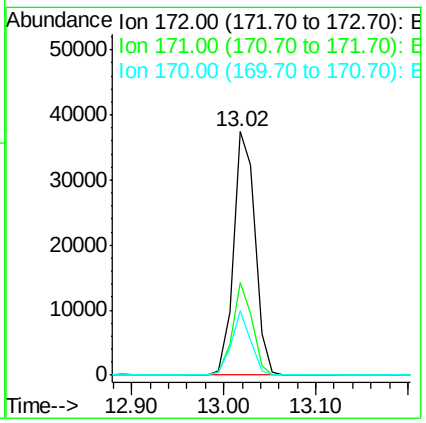
Sig	Exp Ratio
330	100
332	94.2
141	38.8

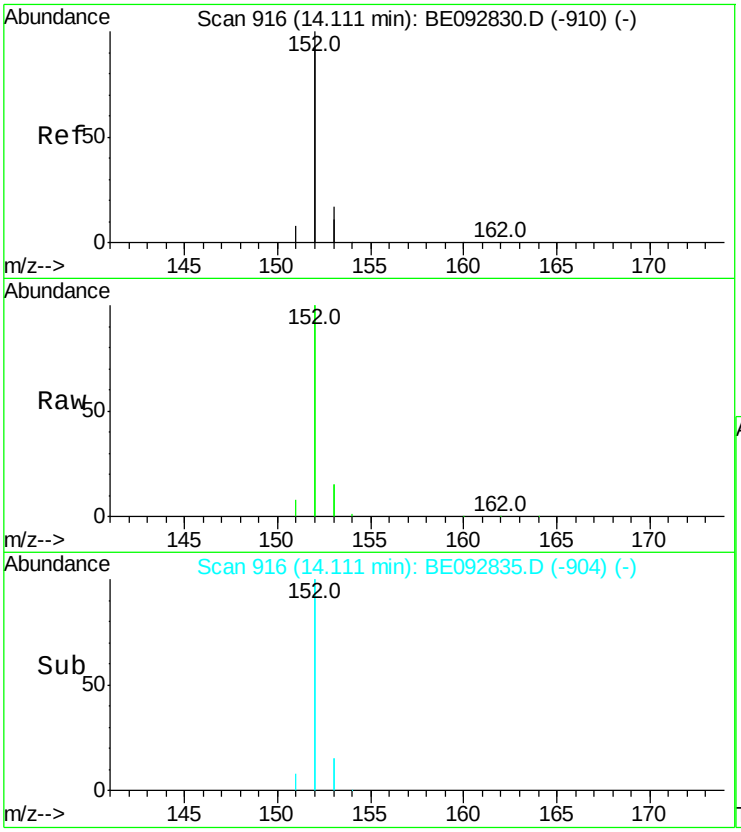


#14
2-Fluorobiphenyl
Concen: 13.94 ng
RT: 13.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BE092835.D
Acq: 28 Mar 2017 13:49

Tgt Ion:172 Resp: 60017

Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.1	45.1
170	26.5	21.8	32.6



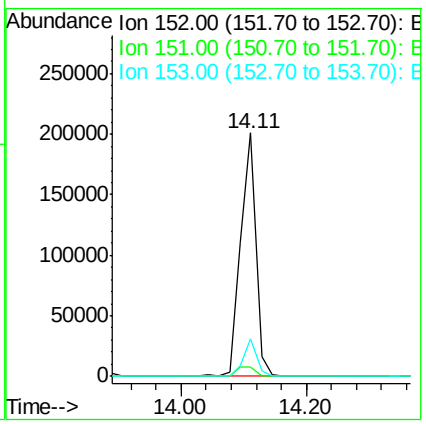


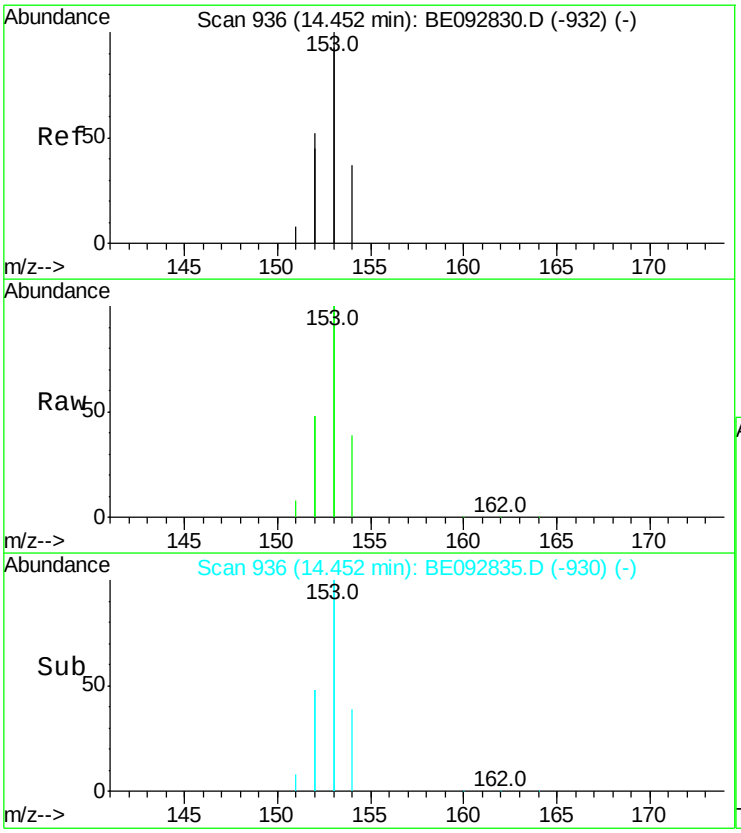
#15
Acenaphthylene
Concen: 12.18 ng
RT: 14.11 min Scan# 916
Delta R.T. 0.00 min
Lab File: BE092835.D
Acq: 28 Mar 2017 13:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 341659

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.2	10.4	15.6

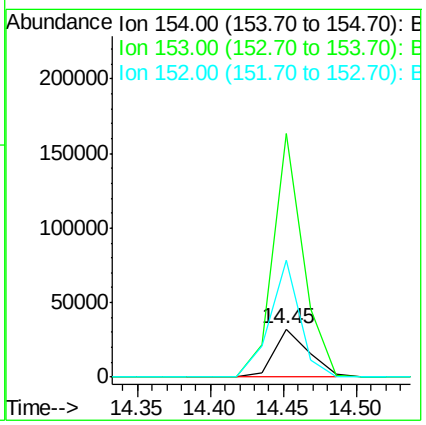


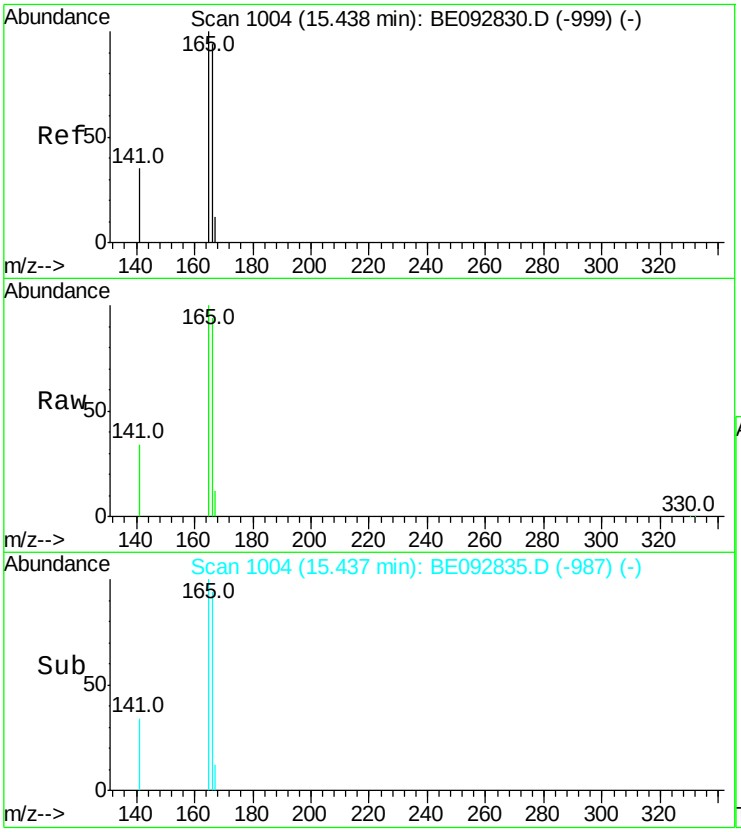


#16
Acenaphthene
Concen: 13.40 ng
RT: 14.45 min Scan# 936
Delta R.T. 0.00 min
Lab File: BE092835.D
Acq: 28 Mar 2017 13:49

Tgt Ion:154 Resp: 52617

Ion	Ratio	Lower	Upper
154	100		
153	448.0	350.8	526.2
152	215.3	171.1	256.7



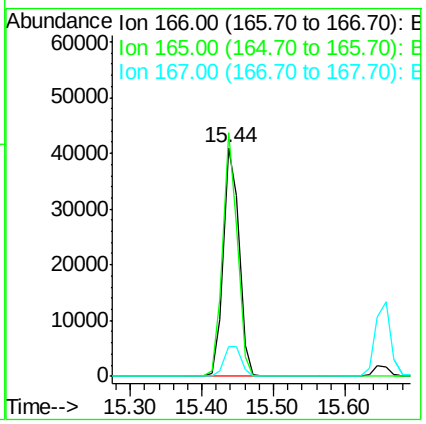


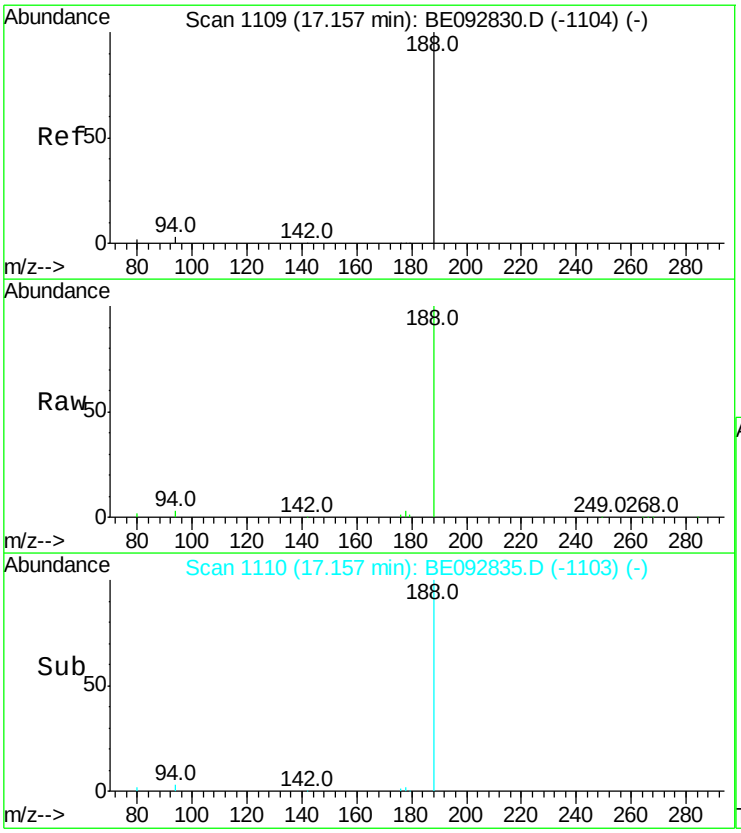
#17
Fluorene
Concen: 11.69 ng
RT: 15.44 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE092835.D
Acq: 28 Mar 2017 13:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:166 Resp: 62402

Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.2	117.4
167	14.1	11.0	16.4

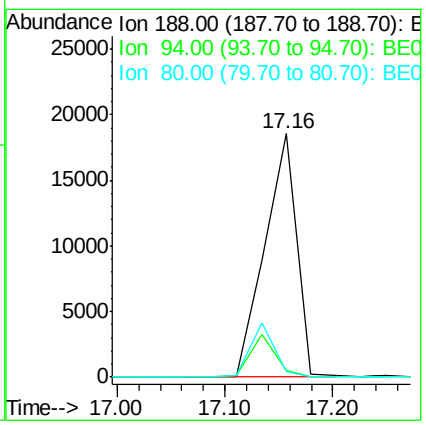


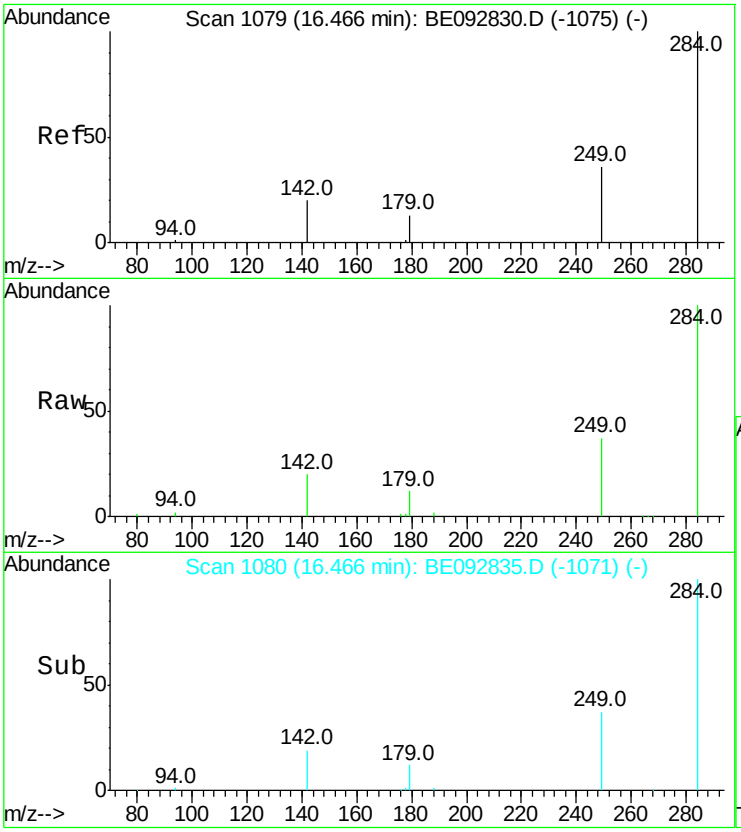


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE092835.D
Acq: 28 Mar 2017 13:49

Tgt Ion:188 Resp: 38051

Ion	Ratio	Lower	Upper
188	100		
94	2.9	3.2	4.8#
80	2.4	2.6	3.8#



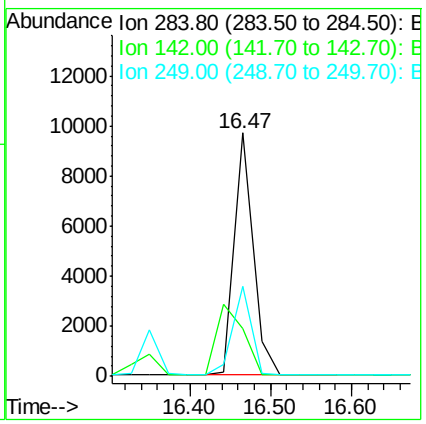


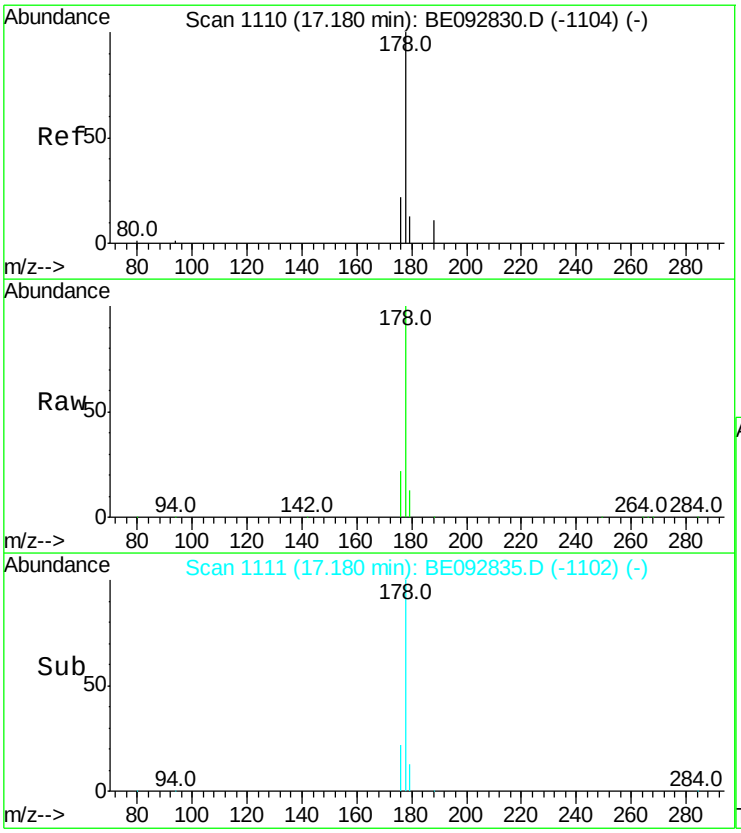
#19
Hexachlorobenzene
Concen: 9.92 ng
RT: 16.47 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BE092835.D
Acq: 28 Mar 2017 13:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:284 Resp: 15436

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	36.5	27.9	41.9

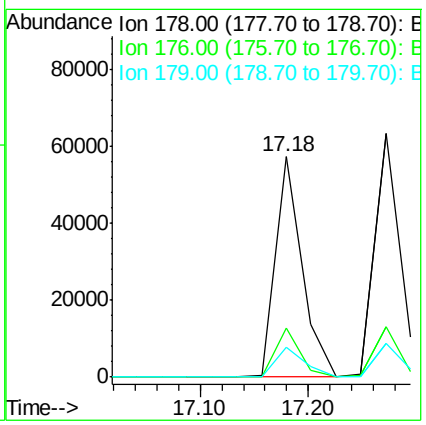


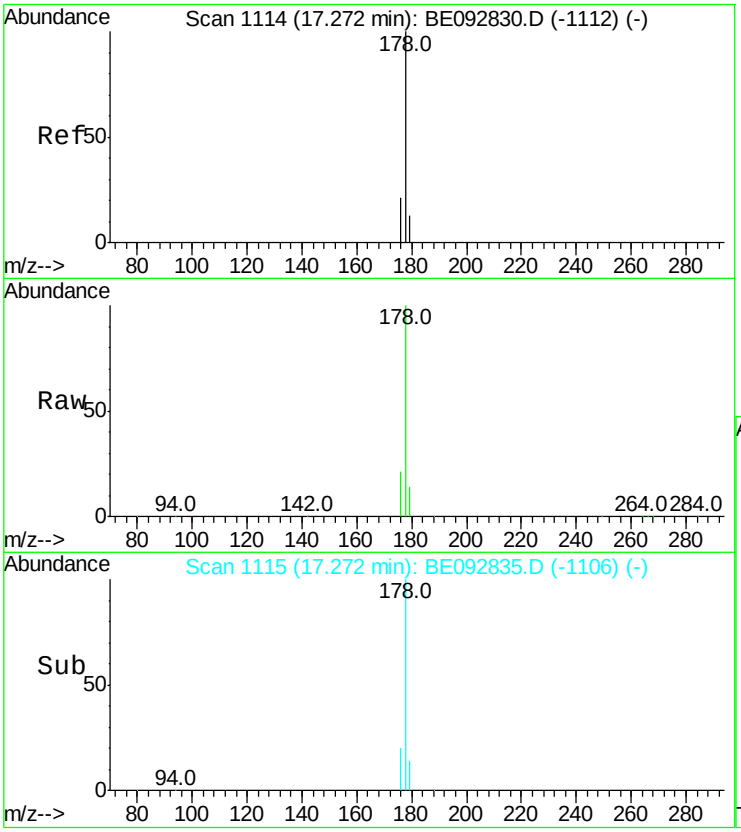


#21
Phenanthrene
Concen: 10.79 ng
RT: 17.18 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE092835.D
Acq: 28 Mar 2017 13:49

Tgt Ion:178 Resp: 98484

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	14.9	16.0	24.0#



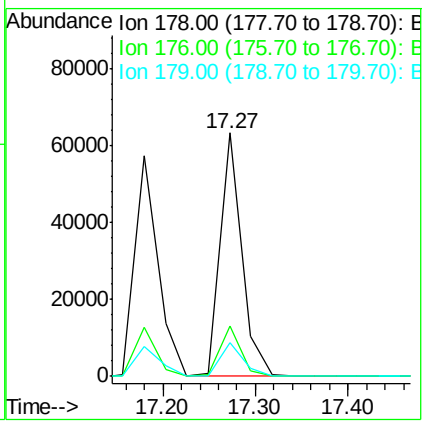


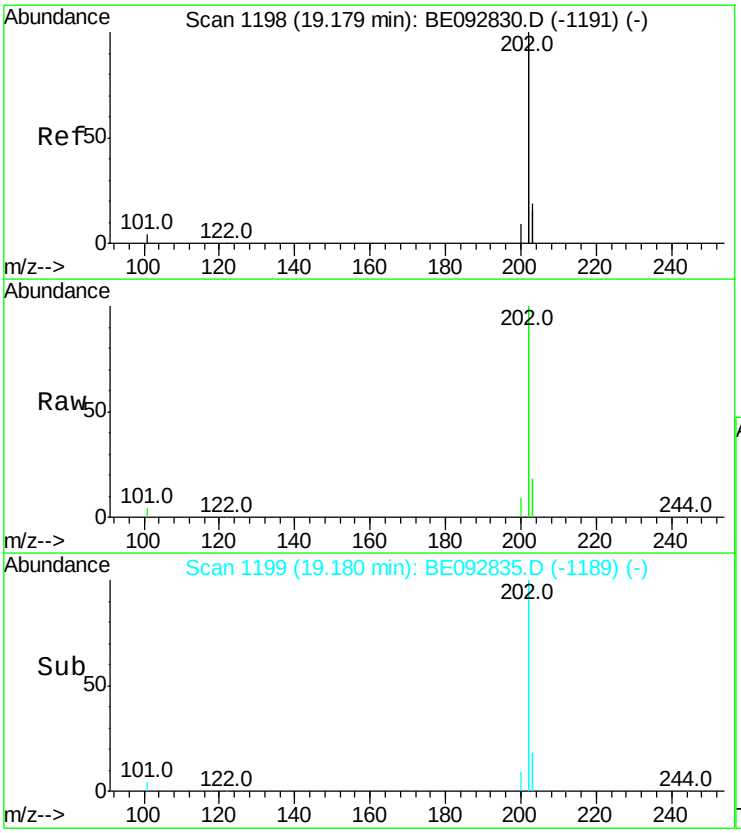
#22
Anthracene
Concen: 11.24 ng
RT: 17.27 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE092835.D
Acq: 28 Mar 2017 13:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 103450

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.0	22.4
179	14.6	12.2	18.2

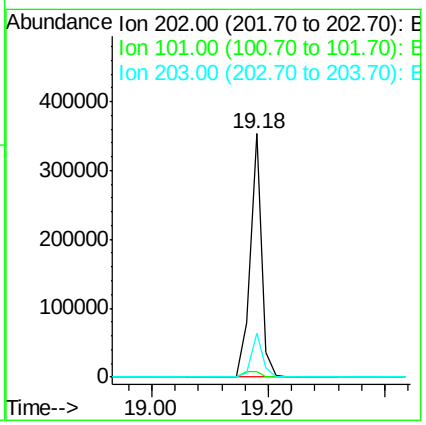


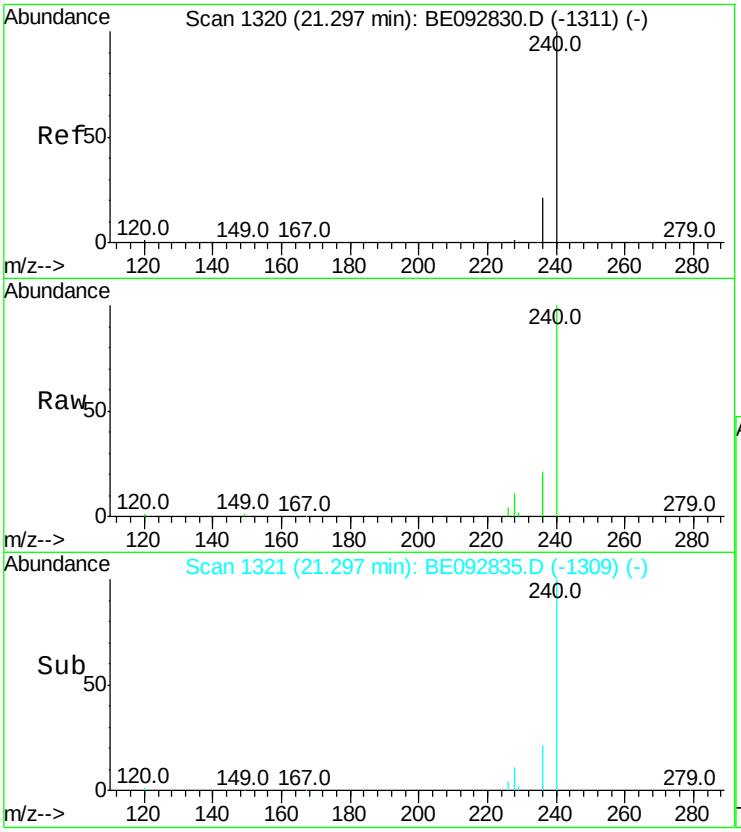


#23
Fluoranthene
Concen: 10.88 ng
RT: 19.18 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BE092835.D
Acq: 28 Mar 2017 13:49

Tgt Ion:202 Resp: 483522

Ion	Ratio	Lower	Upper
202	100		
101	3.2	2.2	3.4
203	17.6	13.7	20.5



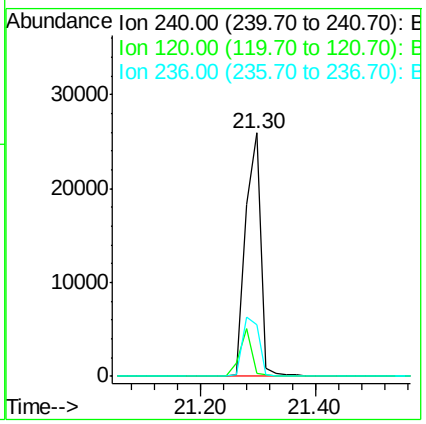


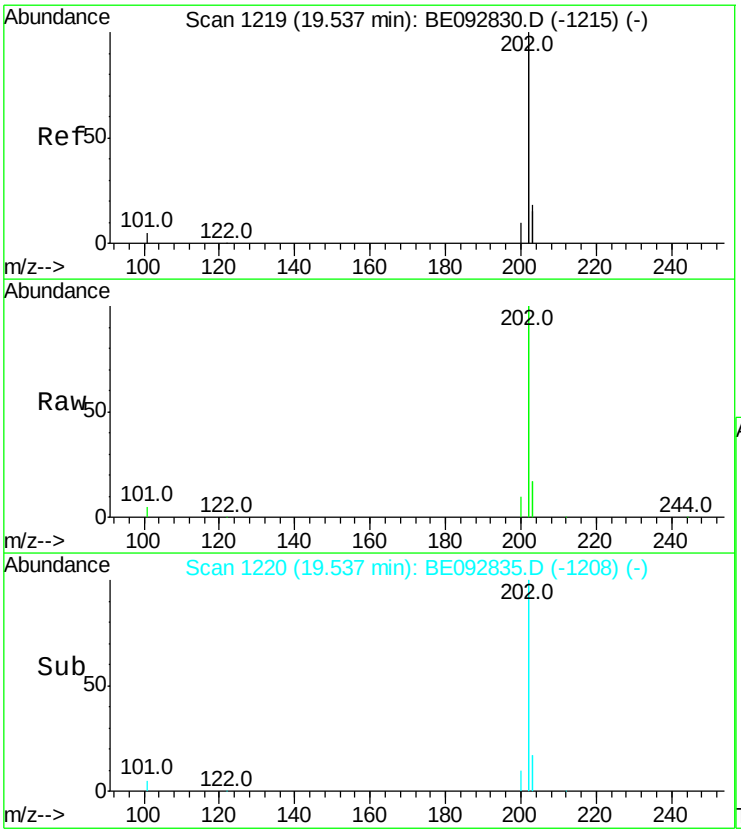
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.30 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BE092835.D
Acq: 28 Mar 2017 13:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:240 Resp: 47556

Ion	Ratio	Lower	Upper
240	100		
120	1.3	2.6	4.0#
236	21.0	24.6	37.0#

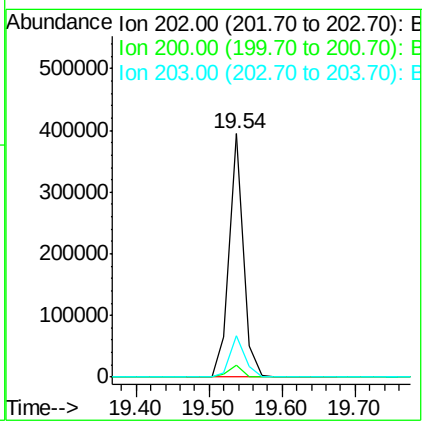


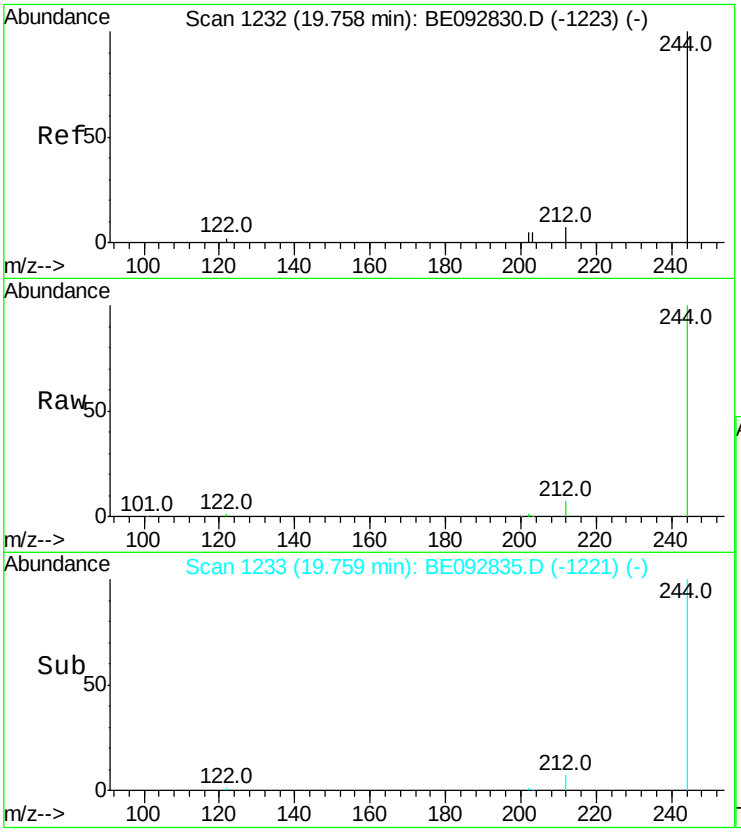


#25
Pyrene
Concen: 12.21 ng
RT: 19.54 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BE092835.D
Acq: 28 Mar 2017 13:49

Tgt Ion:202 Resp: 525764

Ion	Ratio	Lower	Upper
202	100		
200	5.1	4.2	6.4
203	17.7	13.9	20.9



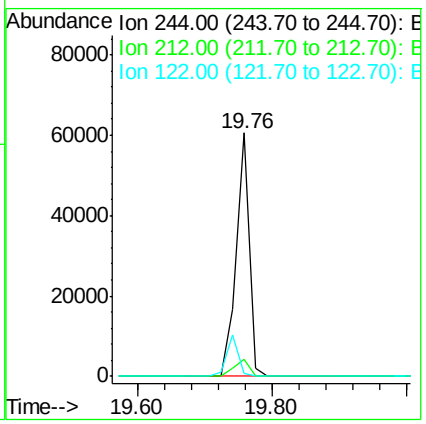


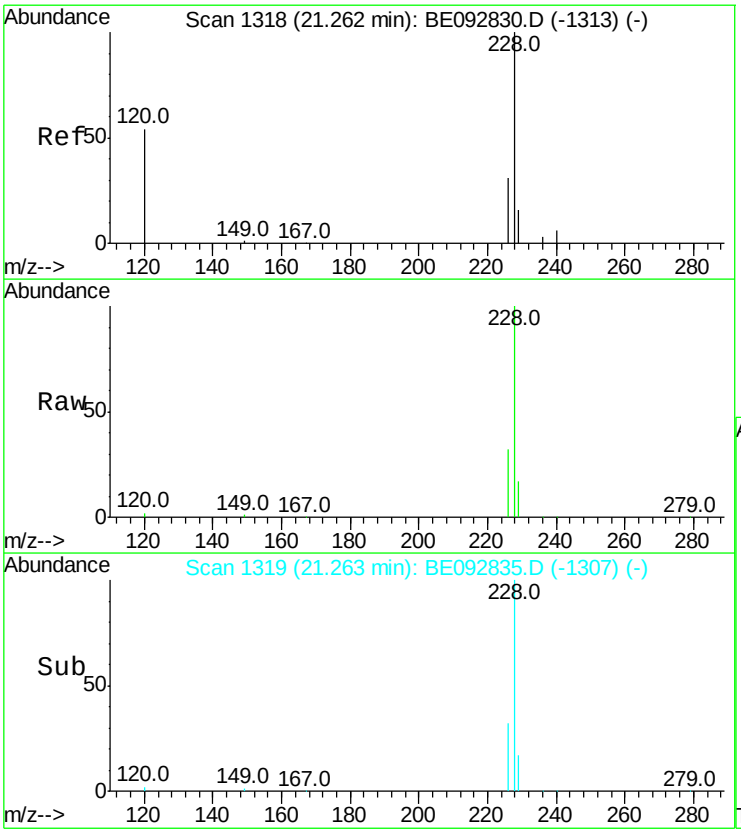
#26
Terphenyl-d14
Concen: 14.18 ng
RT: 19.76 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE092835.D
Acq: 28 Mar 2017 13:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 81394

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.7	10.1
122	1.4	3.6	5.4#

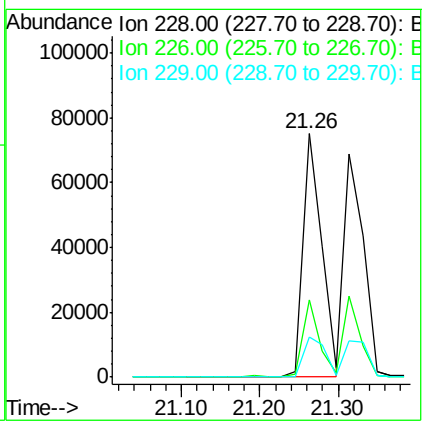


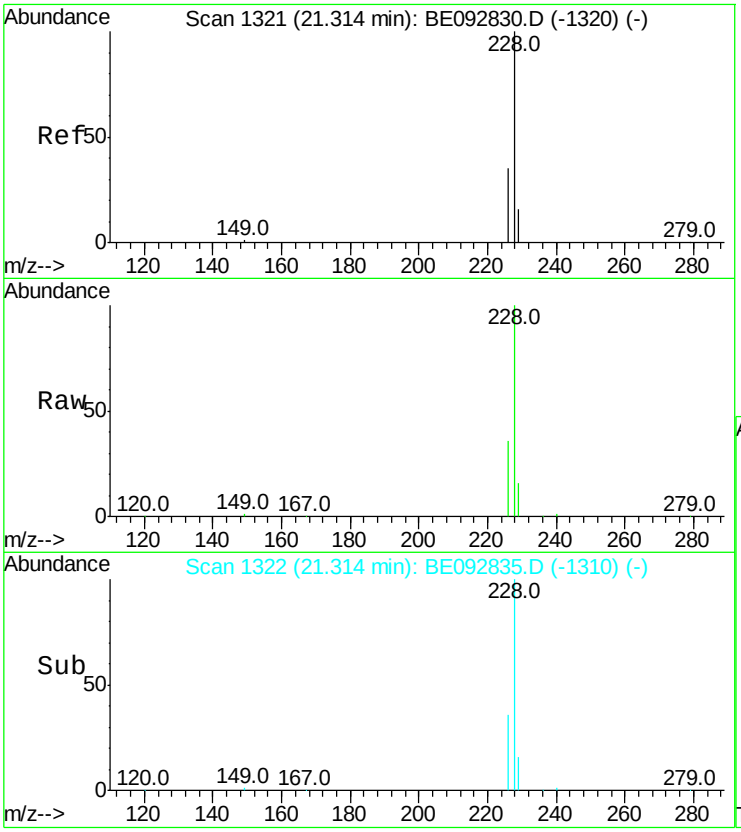


#27
Benzo(a)anthracene
Concen: 2.61 ng
RT: 21.26 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BE092835.D
Acq: 28 Mar 2017 13:49

Tgt Ion:228 Resp: 124856

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.6	35.4
229	16.7	13.3	19.9



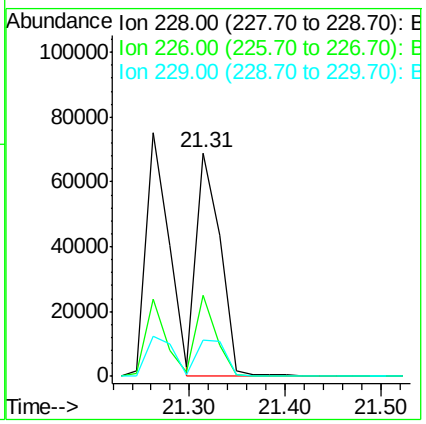


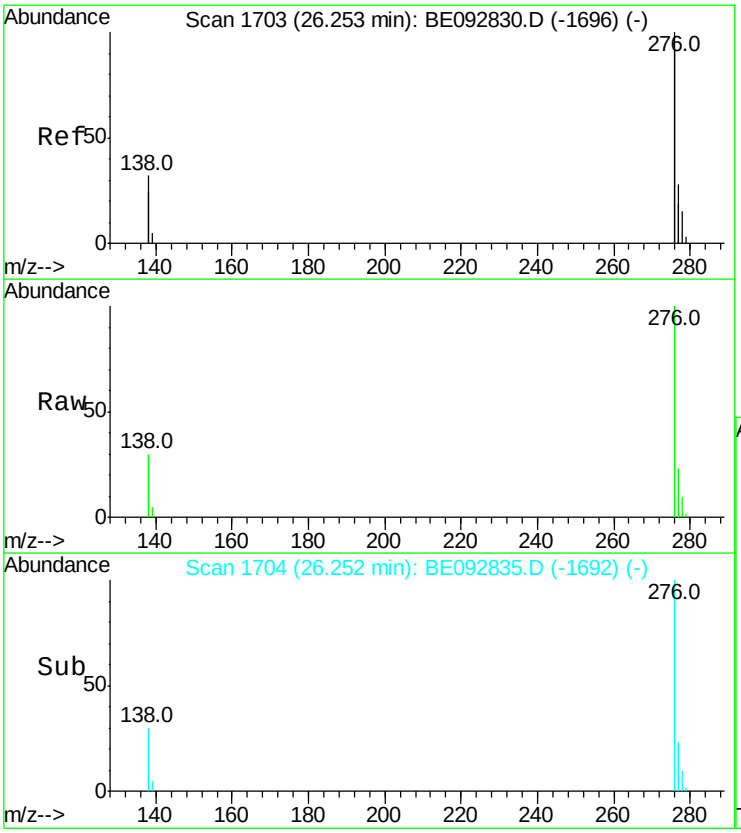
#28
Chrysene
Concen: 2.73 ng
RT: 21.31 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BE092835.D
Acq: 28 Mar 2017 13:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 119180

Ion	Ratio	Lower	Upper
228	100		
226	36.5	36.3	54.5
229	16.1	10.6	16.0#

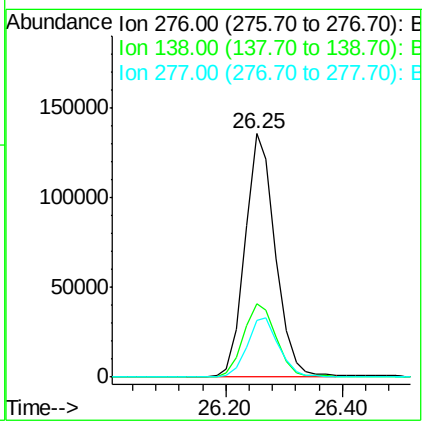


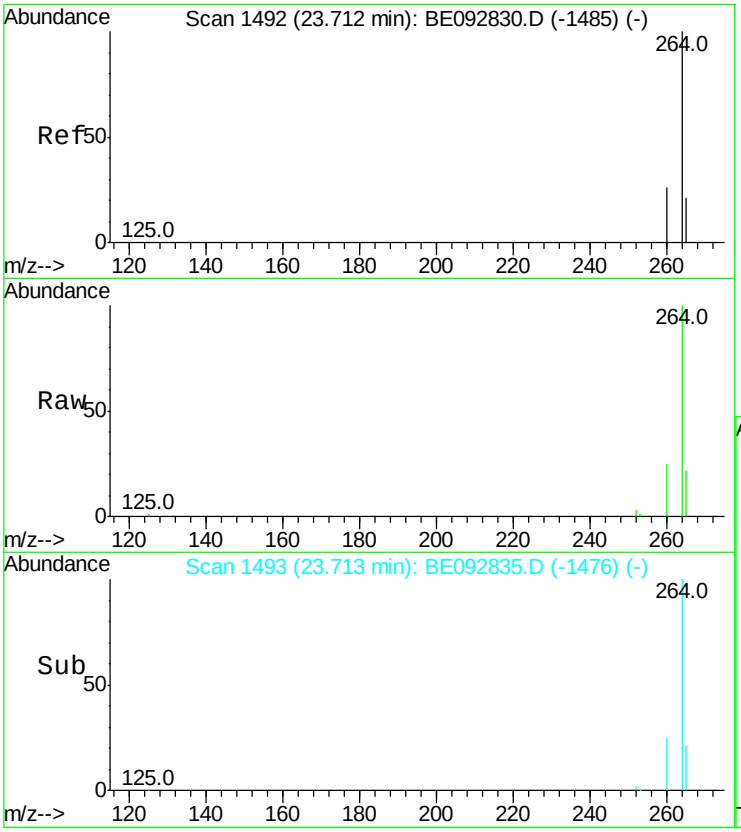


#30
Indeno(1,2,3-cd)pyrene
Concen: 10.38 ng
RT: 26.25 min Scan# 1704
Delta R.T. -0.00 min
Lab File: BE092835.D
Acq: 28 Mar 2017 13:49

Tgt Ion:276 Resp: 490348

Ion	Ratio	Lower	Upper
276	100		
138	32.3	20.3	30.5#
277	25.1	19.7	29.5



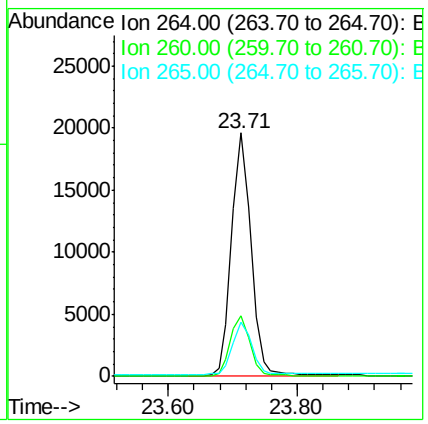


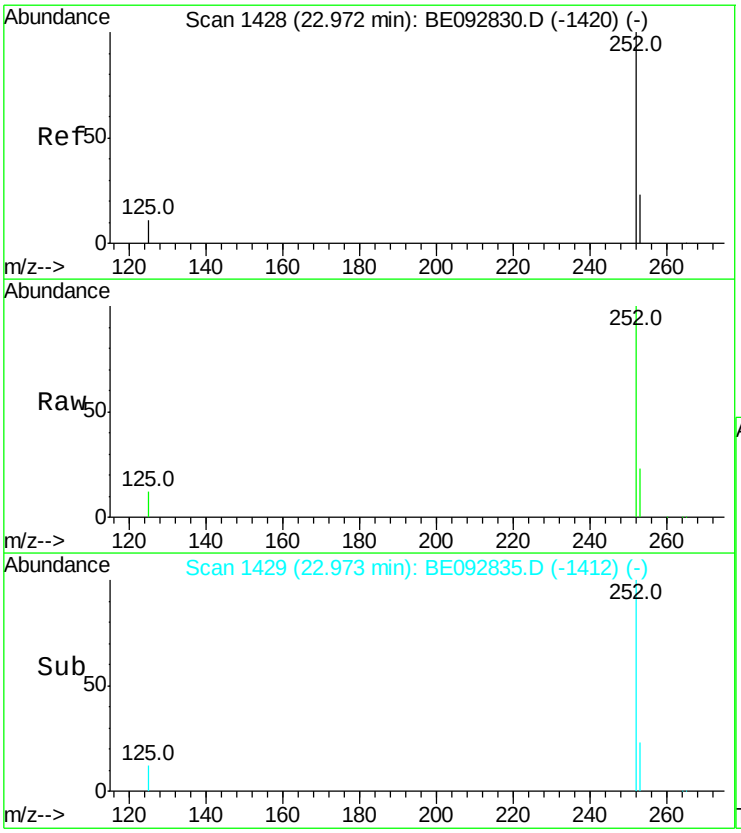
#31
Perylene-d12
Concen: 5.00 ng
RT: 23.71 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BE092835.D
Acq: 28 Mar 2017 13:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:264 Resp: 40969

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.1	30.1
265	22.0	17.9	26.9

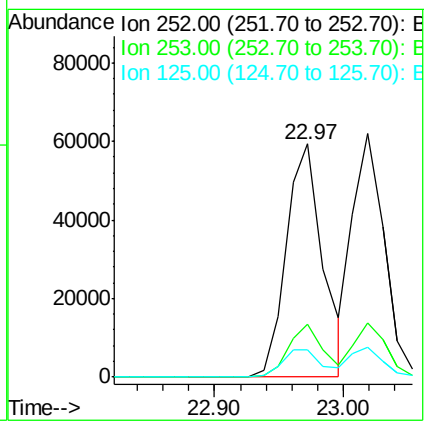


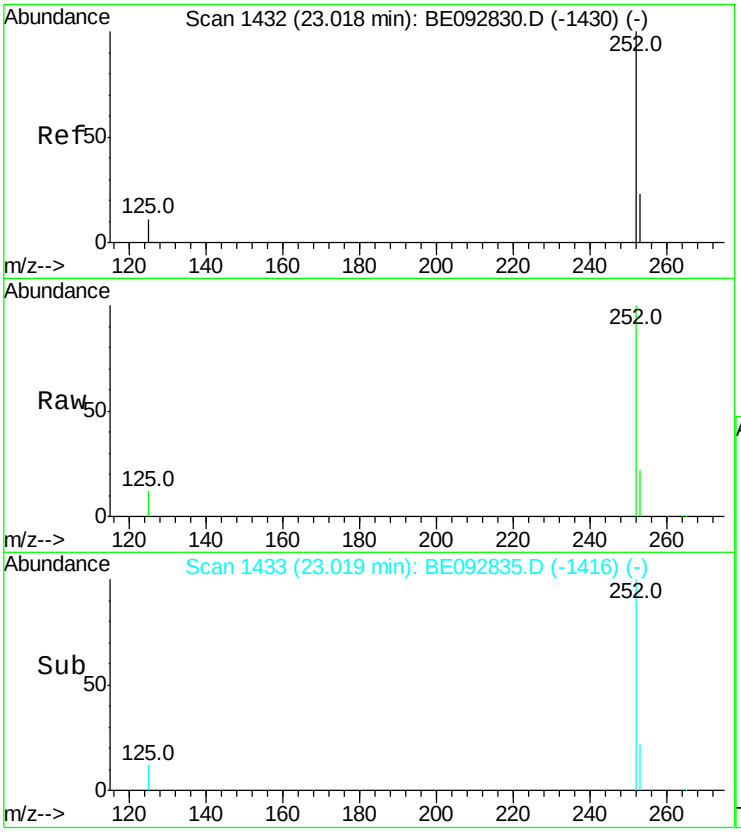


#32
Benzo(b)fluoranthene
Concen: 10.69 ng
RT: 22.97 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BE092835.D
Acq: 28 Mar 2017 13:49

Tgt Ion:252 Resp: 116678

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.7	28.1
125	11.9	10.5	15.7



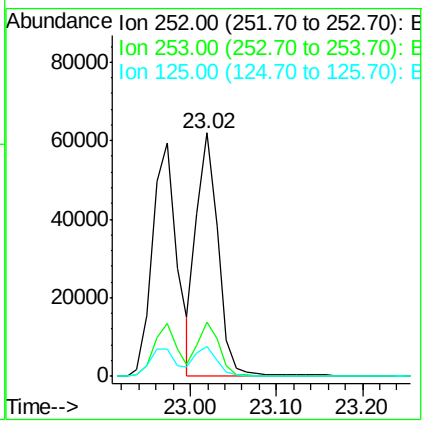


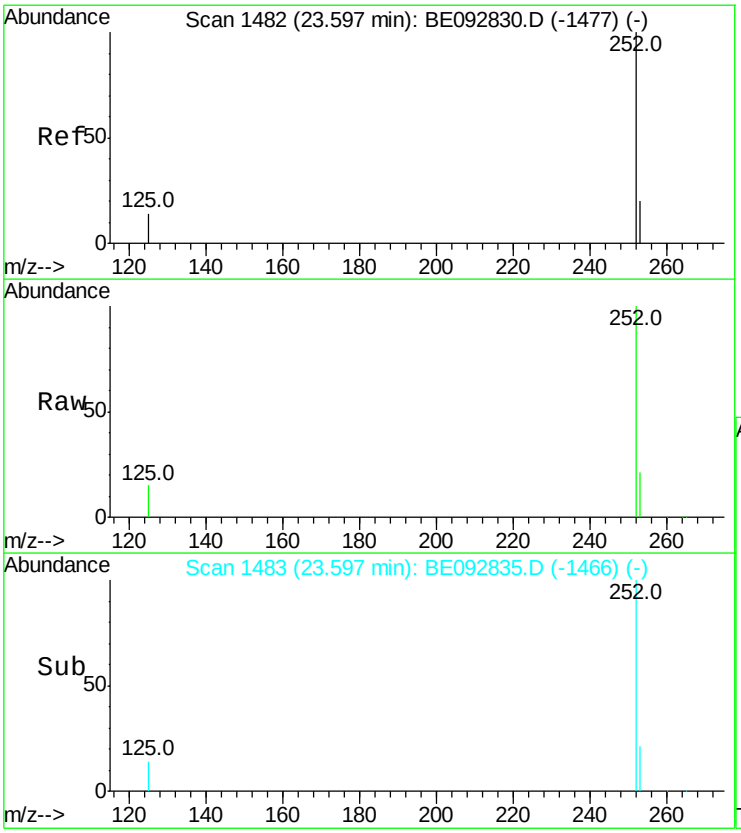
#33
Benzo(k)fluoranthene
Concen: 9.77 ng
RT: 23.02 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BE092835.D
Acq: 28 Mar 2017 13:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 107294

Ion	Ratio	Lower	Upper
252	100		
253	22.1	20.3	30.5
125	12.5	9.6	14.4

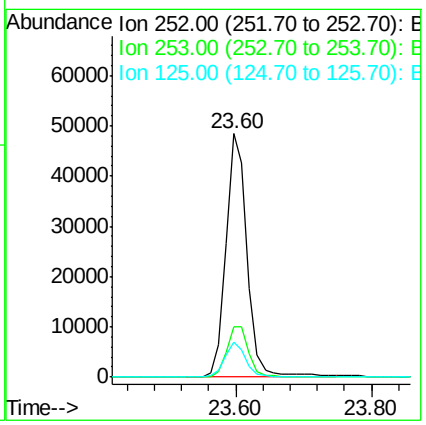


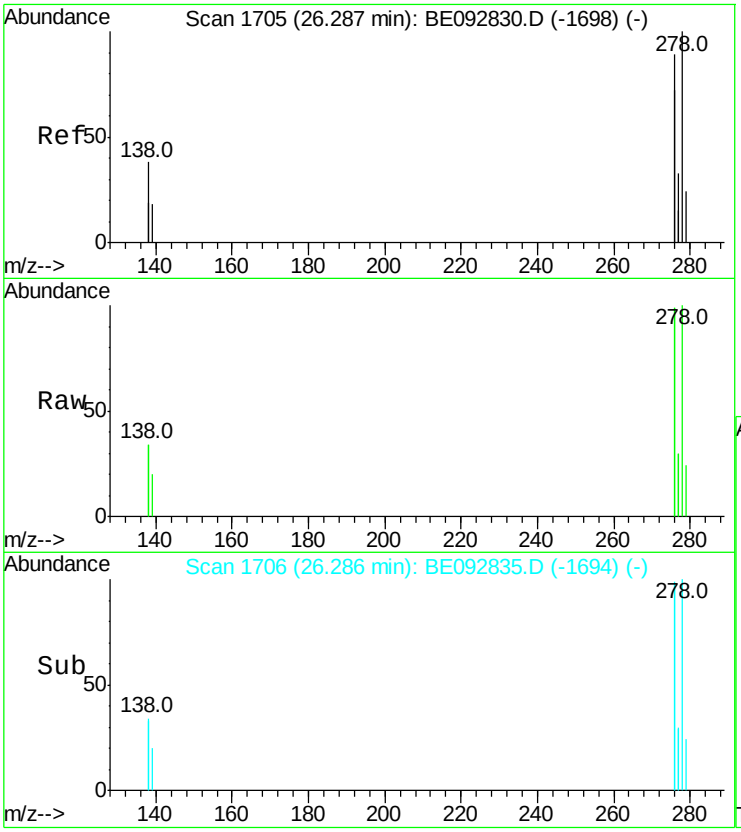


#34
Benzo(a)pyrene
Concen: 10.59 ng
RT: 23.60 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE092835.D
Acq: 28 Mar 2017 13:49

Tgt Ion:252 Resp: 105114

Ion	Ratio	Lower	Upper
252	100		
253	20.8	19.0	28.6
125	14.6	11.8	17.8



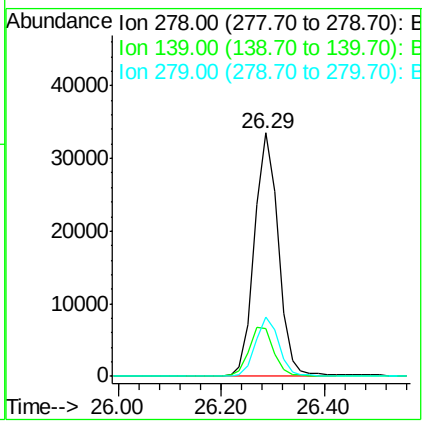


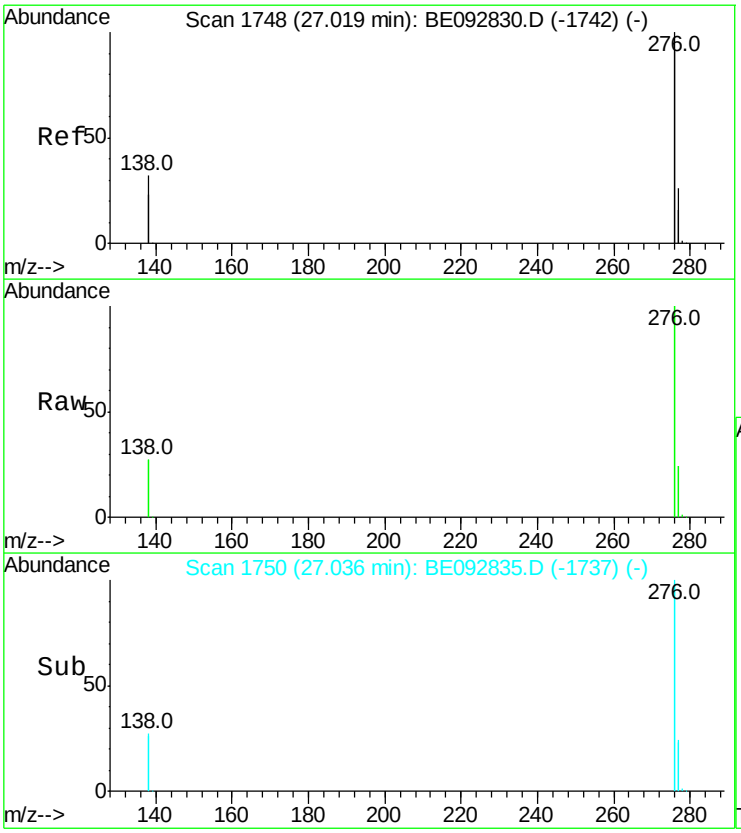
#35
Dibenzo(a,h)anthracene
Concen: 11.19 ng
RT: 26.29 min Scan# 1706
Delta R.T. -0.00 min
Lab File: BE092835.D
Acq: 28 Mar 2017 13:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 106081

Ion	Ratio	Lower	Upper
278	100		
139	19.6	13.8	20.8
279	24.2	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 10.43 ng
RT: 27.04 min Scan# 1750
Delta R.T. 0.02 min
Lab File: BE092835.D
Acq: 28 Mar 2017 13:49

Tgt Ion:276 Resp: 423047

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.8	29.8
138	26.6	19.8	29.6